TECHNICAL BULLETIN Ri 2530/3530

SUBJECT:	BULLETIN INDEX	09/19/01

SUBJECT: **BULLETIN #**

NEW MODEL PRODUCT INFORMATION.....1

RECOMMENDED ACTION FOR FIELD MACHINES

☐ AT SETUP ☐ NEXT SERVICE CALL

☐ NEXT PM ☑ INFORMATION ONLY

TECHNICAL BULLETIN Ri 2530/3530

Bulletin #	**Model**	**Date**
Ri 2530/3530-01	Ri 2530/3530	09/19/01
Affected Serial Number From introduction		
Subject NEW MODEL PRODUCT INFORMATION		

In this Bulletin, you will find Specifications and relevant Technical Information concerning the All New Ri 2530/3530 Digital Copier/Network Printer. The Ri 2530/3530 shares the same engine and enhancement devices with the Printer version, the FS-9100DN/9500DN (see FS-9100DN/9500DN Technical Bulletin #1 for more details). Some special features unique to the Ri 2530/3530 are as follows:

- The new Kyocera Mita designed, embedded Print/Scan System (N) Controller
- Optional Fax System (C)
- 32 MB standard RAM on base machine
- Various enhancement Devices.
  1. DF-71 (3,000 sheet Finisher w/punch)
  2. DF-75 (Saddle Stitch Finisher)
  3. PF-70 (Dual 500 sheet Drawers)
  4. PF-75 (3,000 sheet Drawer)
  5. Enhanced SRDF-2
  6. STDF-3 (2530 only)

  (See Page 2 for a complete list)
- High Productivity
- Long Life Components
- Low Service Cost.

Ri-2530

We recommend reading the Ri 2530/3530 Operation Guide to understand the full capabilities of the Machine functions.

Training for the Ri 2530/3530 is available at our Regional Offices. The length of the class is 3 days. Please contact your Regional Office to sign up for Training Certification.

If you have any additional questions, please contact the Copystar Diagnostic Center or email us at support@Kyoceramita.com.

SERVICE DOCUMENTATION

Description	Part Number	Price
Ri 2530/3530 Service Manual	2BH70950	$35.00
Ri 2530/3530 Parts List	2BH70940	$10.00
Ri 2530/3530 Operation Guide	2BH80020	$15.00
Ri-2530 PM List	8992BH55	$1.00
Ri-3530 PM List	8992BJ55	$1.00
Printing System (N) Operation Guide (Function Edition)	Available on Dealernet Only	N/C
Printing System (N) Operation Guide (Setup Edition)	Available on Dealernet Only	N/C
SRDF-2 Parts List	3C070770	$10.00
DF-35/71 Service Manual	3CG70760	$15.00
DF-71 Parts List	3CG70770	$10.00
DF-75 Service Manual	5FG70760	$20.00
DF-75 Parts List	5FG70770	$10.00
Ri 2530/3530 Parts Price List	Available on Dealernet Only	N/C

Note: The 2530/3530 Service Manual contains the AD-63, DF-78, J-1402, PF-70, PF-75, RA-1 and, Fax System C Manuals.
The 2530/3530 Parts List contains the AD-63, DF-78, J-1402, PF-70, PF-75, RA-1, Fax System C, and Printing System (N), Scan System (B) Lists.

ACCESSORIES

ITEM	Part Number	Description
Print/Scan System (N)	023CS513	Network Print Controller and Network Scanner
Fax System (C)	023CM503	Optional Fax capabilities
PF-75	00103255	3,000 Sheet Drawer
PF-70	023CF503	Dual 500 Sheet Drawers
AD-63	023CX500	Duplex Unit
J-1402	023B6500	Job Separator
SRDF-2 ①	023C0503	Auto Reversing Document Feeder
STDF-3 ①	023A7503	Auto Document Processor (2530 only)
DF-71	023CG103	3,000 Sheet Finisher w/Punch
M-2107	023AX100	Mailbox for DF-71
DF-75	00105034	Saddle Stitch Finisher
RA-1	023CP500	Reversing Adapter for DF-75
DF-78	023B5500	Internal Finisher
BC-1	87800130	Barcode Reader for Printer
PH-2A	5FG82010	Punch Unit for DF-75
HD-3	87800194	Hard Drive for the Printer
Set Original Holder	2AV82040	Original Holder
AK-70C	3CG82010	Attachment Kit for DF-75 and DF-71
FM1-8MB ②	3B182010	Optional Memory for Fax System
Stand	80080743	Stand
Staple Cartridge for DF-71	36882040	5,000 Pieces/Cartridge, 3 Cartridges/case
Staple Cartridge for DF-75	5GH82010	5,000 Pieces/Cartridge, 3 Cartridges/case
Staple Cartridge for DF-78	5AX82010	3,000 Pieces/Cartridge, 3 Cartridges/case

① *SIM 211 must be run on the Ri-2530 to select the Document Feeder being installed.*
② *Optional Fax System Memory Enables ultra fine mode.*

Ri-2530 CONSUMABLE YIELDS & COST PER COPY

Description	Part Number	Yield (Prints)	Price	CPC
Toner (1,900g) ①	370AB016	34,000 (Based on a 6%original)	$105.17	0.003093
MK-705 ② (Maintenance Kit)	2BJ82020	400,000	$300.00	0.0007500
Drum Ass'y	2BJ93020	400,000		
Parts Developer Ass'y	2BJ93010	400,000		
Parts Fixing Ass'y	2BJ93040	400,000		
(TR-700) Transfer Ass'y	84395575	400,000		

① *The Toner Cartridge is exclusive to the Ri 2530/3530.*
A Main Charger Cleaner and two Waste Toner Bottles are included with each Toner Kit.
② *The Maintenance Kit contains the Drum Ass'y, Developer Ass'y, Fixing Unit and Transfer Ass'y.*

Ri-3530 CONSUMABLE YIELDS & COST PER COPY

Description	Part Number	Yield (Prints)	Price	CPC
Toner (1,900g) ①	370AB016	34,000 (Based on a 6%original)	$105.17	0.003093
MK-705 ② (Maintenance Kit)	2BJ82020	500,000	$300.00	0.000600
Drum Ass'y	2BJ93020	500,000		
Parts Developer Ass'y	2BJ93010	500,000		
Parts Fixing Ass'y	2BJ93040	500,000		
(TR-700) Transfer Ass'y	84395575	500,000		

① *The Toner Cartridge is exclusive to the Ri 2530/3530.*
A Main Charger Cleaner and two Waste Toner Bottles are included with each Toner Kit.
② *The Maintenance Kit contains the Drum Ass'y, Developer Ass'y, Fixing Unit and Transfer Ass'y.*

Kyocera Mita warrants to the end-user that this product will be free from defects in material or workmanship for a period of 1-Year starting from the date of installation.

The Maintenance Kits are warranted to be free of Manufacturer's Defects for a period of 3 years from the date of end user installation or the defined number of prints whichever should occur first.

All Replacement Maintenance Kits supplied for Warranty are warranted to be free of Manufacturer's Defects for a period of 3 years from the date of installation or the defined number of prints whichever should occur first.

Note that this warranty is against manufacturer defects and does not cover problems caused by foreign objects, improper use, or Non Copystar Toners.

To obtain Credit for either the Drum Ass'y, Developer Ass'y, Fixing Unit or Transfer Ass'y, return the Unit with a Defective Parts Claim Form to the National Processing Center showing the original date of install and proof of purchase.

EP-ROM INFORMATION

File Number	Description	Location	Check Sum	Blank ROM *(See below)*
2BJ29136	Main (Level 6H)	Compact Flash		Available on Dealernet only
2BJ29143	MMI (Level 3E)	Compact Flash		
2BJ29152	Language (Level 2D)	Compact Flash		
3CM68010	IC-ROM 1	Fax System C	98CB	A
3CM68020	IC-ROM 2	Fax System C	E501	A
3CG27011	IC-ROM	DF-71	F9BC	C
N/A	IC-ROM	DF-75	B438	B

Note: Ri 2530/3530 Firmware is only upgradeable via CompactFlash Card . The requirements are as follows: Either a standard PCMCIA Type I & II slot, eFilm CompactFlash Type I & II Parallel Port Reader, or eFilm CompactFlash Type I & II USB Port Reader are needed to copy firmware files to the CF Card. An 8MB or larger CF Card can be used. These devices are available from Delkin Devices at: www.delkin.com.

BLANK EP-ROM INFORMATION

For dealers that download software updates from the Technical Web Site on Dealernet, we have included part numbers for ordering blank EP-ROMS as follows:

Blank EP-ROM	Description	Part Number	Price
A	EP-ROM (4Mb) 40 Pin 120ns	84900054	$24.10
B	EP-ROM (1MB) 32 Pin 80ns	84900072	$19.28
C	EP-ROM (1MB) 32 Pin 100ns	84900020	$17.90

If obtaining Blank EP-ROMS from a source other than the National Processing Center, please confirm that the processing speed (ns) of the blank EP-ROM is equal to or higher than the number given in the chart above. Operation problems can occur if the processing speed is a lesser value.

NEW & REPAIR PRINTED CIRCUIT BOARDS

PCB NAME	NEW PCB P/N	REPAIR PCB P/N	REPAIR PCB PRICE *
PCB Engine Ass'y	2BJ01010	8492BJ10	$1,282.33
Power Source PCB 100	2BL28030	8492BL30	$83.81
Desk PCB (PF-70)	3CF01011	8493CC10	$71.78
Main PCB Ass'y (RA-1)	3CP01011	8493CP10	$72.44
PBA CONT (PF-75)	5FF07100	8495FF00	$74.44
Main PCB (DF-78)	3B501014	8493B510	$132.77
Main Ass'y Fax	3CM01020	8493CM00	$388.74
PCB Main Ass'y (Printing System N)	3CR01010	8493CR00	$675.32
Scanner NIC Ass'y (Scan System B)	3B301010	8493B300	$238.90
Parts Driver PCB SP (SRDF-2)	3AL93020	8493AL20	$100.17

Part numbers and pricing subject to change without notice.

Defective PCB's being returned within the 1-Year warranty period must be returned to the National Processing Center utilizing a Defective Parts Claim Form. Any associated mounting brackets, hardware, system software and original packaging must be included with the claim. Credit will then be issued to your account.
Defective PCB's out of warranty may be returned for repair to the National Processing Center using the Printed Circuit Board Repair Form.

During the 1-year initial warranty period, boards that are replaced under warranty will be warranted for a minimum of 90 days from the day of installation.

Example: If a Board is replaced under warranty on day 360 of the 1-Year initial warranty period, the board will still be warranted for an additional 90 days from the date of its installation.

**** Repair PCB Price includes credit issued after return of old Board.***

PREVENTATIVE MAINTENANCE

Ri 2530 PM CYCLE	Ri 2530 MAX MONTHLY VOLUME
400K prints	85K prints

Ri 3530 PM CYCLE	Ri 3530 MAX MONTHLY VOLUME
500K prints	120K prints

Information is subject to change without notice.

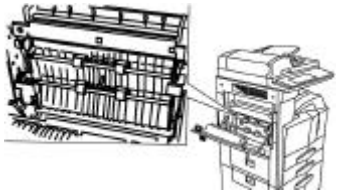
Ri 2530/3530 Machine Specifications

Type	Desktop
Copying system	Indirect electrostatic system
Originals	Sheets and books Maximum size: 11" x 17"
Original feed system	Fixed
Copy paper	Drawer: Plain paper (17~21lb.) Bypass table: Plain paper (16~53lb Bond, 53lb. Bond = 110lb. Index) Special paper: Transparencies, tracing paper, colored paper, letterhead and envelopes (when using the printer function only) Note: Use the bypass table for special paper.
Copying sizes	Maximum: 11" x 17" Minimum: 5 1/2" x 8 1/2" (When the bypass table is used)
Magnification ratios	Manual mode: 25 – 400%, 1% increments Auto copy mode: fixed ratios Inch 1:1 ± 1.0%, 1:4.00/1:2.00/1:1.29/1:1.21/1:0.78/1:0.64/1:0.50/1:0.25
Copy speed	At 100% magnification in copy mode: **25 cpm copier** 11" x 8 1/2": 25 copies/min. 11" x 17": 15 copies/min. 8 1/2" x 14": 18 copies/min. 8 1/2" x 11R": 20 copies/min. **35 cpm copier** 11" x 8 1/2": 35 copies/min. 11" x 17": 19 copies/min. 8 1/2" x 14": 23 copies/min. 8 1/2" x 11R": 25 copies/min.
First copy time	From 3.9s (11" x 8 1/2")
Warm-up time	60s or less (room temperature 20°C/68°F, 65% RH) In preheat/energy saver mode: 30s or less (room temperature 20°C/68°F, 65% RH) [priority to power save] In preheat/energy saver mode: 10s or less (room temperature 20°C/68°F, 65% RH) [priority to recovery]
Paper feed system	Automatic feed Capacity: Drawers: 500 sheets x 2 (standard) Manual feed Capacity: Bypass: 200 sheets
Continuous copying	1 - 999 sheets
Photoconductor	a-Si (drum diameter 40 mm)
Charging system	Single positive corona charging
Exposure light source	Semiconductor laser
Exposure scanning system	Polygon mirror
Developing system	Dry, reverse developing (magnetic brush) Developer: mono-component toner Toner replenishing: automatic from a toner container
Transfer system	Transfer roller
Separation system	Separation electrode
Fixing system	Heat roller Heat source: halogen heaters (120 V specifications: main 600 W, sub 400W) Control temperature: 165°C/329°F (at normal ambient temperature) Abnormally high temperature protection device: 170°C/338°F thermostat Fixing pressure: 107.8 N
Charge erasing system	Exposure by cleaning lamp
Cleaning system	Cleaning blade
Scanning system	Flat bed scanning by CCD image sensor

Ri 2530/3530 Machine Specifications (continued)

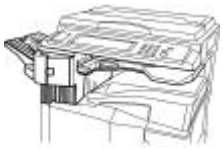
Bit map memory	9 MB (standard)
Image storage memory	23 MB (standard)
	32 MB total on Main Board
Resolution	600 x 600 dpi
Light source	Inert gas lamp
Dimensions	23" (W) x 25 2/5" (D) x 29 1/3" (H)
Weight	Approx. 165 lbs.
Floor requirements	53 3/8" (W) x 25 2/5" (D)
Power source	120 V AC, 60 Hz, 11 A
Power consumption	1320 W (120V)
Options	STDF-3*, SRDF-2, paper feed desk, large paper deck, duplex unit, job separator, finisher, booklet stitcher, built-in finisher, key counter, fax board, printer board, network printer board, network scanner board *Optional for 25 cpm copier only.

AD-63 Specifications



Type	Enclosed
Paper	Plain paper: (21lb.) Special paper: colored paper
Paper sizes	11" x 17" – 5 ½ " x 8 ½"
Power source	Electrically connected to the copier

DF-78 Specifications



Type	Built-in
Number of trays	1 (intermediate tray)
Stapling limit	11" x 8 ½ " or smaller: 30 sheets Other sizes than above: 20 sheets
Power source	Electrically connected to the copier
Weight	Approximately 24.2 lbs.

PF-70 Specifications

Paper	Plain paper (21lb.)
Paper size	11" x 17" – 5 ½ " x 8 ½ "
Capacity	500 x 2 sheets
Power source	Electrically connected to the copier.
Dimensions	23 1/16" (W) x 23 1/4" (D) x 12 3/8" (H)
Weight	55 lbs.

PF-75 Specifications

Paper	Plain paper (21lb)
Paper size	11" x 8 1/2"
Capacity	3000 sheets (1500 sheets x 2)
Power source	Electrically connected to the copier
Dimensions	23 1/16" (W) x 23 1/4" (D) x 12 3/8" (H)
Weight	77.2 lbs.

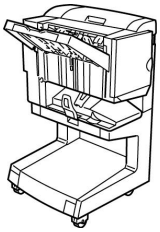
J-1402 Specifications

Type	Enclosed
Tray capacity	100 sheets of 9.3~43lb paper
Paper	Plain paper: 21lb.
	Special paper: colored paper
Paper sizes	11" x 17" – 5 ½ " x 8 ½ "
Power source	Electrically connected to the copier
Weight	Approximately 2.21 lbs.

SRDF-2 Specifications

Original feed system	Automatic feed
Originals	Sheets
Original weights	Single-sided original mode, 9.3~43lb. Bond
	Double-sided original mode, 13~32lb. Bond
Original paper	Plain paper, thermal paper, art paper, colored paper
Original sizes	(11" x 17" – 5 ½ " x 8 ½ ")
No. of originals	Up to 70 sheets (11" x 17", 8 ½ " x 14")
	Up to 100 sheets (11" x 8 ½ ") 13~21lb.
	Art or thermal paper must be fed individually.
	Power source Electrically connected to the copier.

DF-75 Specifications



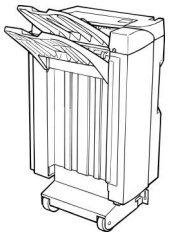
Stacking	2 Locations
	Delivery Tray (descending type; 1 tray
	Face Down
	Bind Tray (fixed type)
Feed reference	Center reference
Stack paper size	(11" × 17"), LGL, LTR, LTR R STMT, STMTR
Paper weight	Finisher assembly: 17~24lb.
	Saddle Assembly: 17~24lb.
Mode	Non-sort stack
	Sort stack
	Staple stack
	Bind stack
Stack height (Note 1)	Non-Sort Staple
	Large-size: 500 sheets
	Small-size: 1000 sheets (Note 2)
	Staple Sort
	Large-size: 30 sets or 500 sheets
	Small-size: 30 sets or 1000 sheets
	Folded stack
	Stack of 6 to 10 sheets: 10 sets
	Stack of 1 to 5 sheets: 20 sheets
Mixed stack	Size mix: 500 sheets (Note 3)
	Staple mix: 30 sheets (same paper configuration)
Paper detection	Delivery tray: No
Control panel	Bind tray: Yes
	No

Note 1:
The number of sheets is computed based on 21lb. Paper.
Note 2:
Alignment is not guaranteed if the stack consists of 750 sheets or more.
Note 3:
Alignment is not guaranteed if the stack consists of sheets of different sizes.

DF-75 Specifications (continued)

Display	No
Size	26.18(W) × 24.21(D) × 21.85(H)
Weight	59.40 lb. (approx.)
Power supply	24 VDC from host machine
Maximum power consumption	At standby: 13 W
	In operation: 84 W (staple sort)
Stapling	Rotary cam type
Stapling position	See F01-201-01
Stapling thickness	Finisher
	Large-size: 25 sheets
	Small-size: 50 sheets
	Saddle: 10 sheets
Staple supply	Cartridge of special staples (5000 staples)
Staples	Special staples
Staple detection	Yes (nearly empty: 40 remaining staples)
Stapling size	Front 1-Point Stapling:
	(11” × 17”), LGL, LTR-R
	Rear 1-Point Stapling:
	(11” × 17”), LGL, LTR, LTR-R
	Middle 2-Point Stapling: With Saddle in use
	(11” × 17”), LGL, LTR, LTR-R
	Middle 2-Point Stapling:
	(11” × 17”), LGL, LTR, LTR-R
Manual stapling	None
Folding method	Roller contact
Folding mode	Double-folding (single-sheet non-stapling available)
Folding position	Middle of sheet Requires a margin of±5mm / ±0.2in from the
	middle of the sheet as a middle margin. No Special Paper.
Saddling size	(11” × 17”), LTR R

DF-71 Specifications



Type	Floor standing
Number of trays	Sort tray: 1
	Non-sort tray: 1
Tray capacity	Sort tray (20~21lb. paper)
	When not stapling:
	1500 sheets: 11" x 17", 8 ½ " x 14"
	3000 sheets: 8 ½ " x 11", 11" x 8 ½ "
	When stapling 2 sheets:
	450 sheets: 11" x 17"
	600 sheets: 8 ½ " x 14"
	700 sheets: 8 ½ " x 11"
	850 sheets: 11" x 8 ½ "
	When stapling 3 or 4 sheets:
	400 sheets: 11" x 17"
	700 sheets: 8 ½ " x 14"
	750 sheets: 8 ½ " x 11"
	800 sheets: 11" x 8 ½ "
	When stapling 5 to 10 sheets:
	500 sheets: 11" x 17"
	800 sheets: 8 ½ " x 14"
	900 sheets: 8 ½ " x 11", 11" x 8 ½ "
	When stapling 11 to 20 sheets:
	950 sheets: 11" x 17"
	1000 sheets: 8 ½ " x 14"
	1200 sheets: 8 ½ " x 11", 11" x 8 ½ "

DF-71 Specifications (continued)

..... When stapling 21 to 29 sheets:
..... 1400 sheets: 11" x 17"
..... 1500 sheets: 8 ½ " x 14"
..... When stapling 21 to 49 sheets:
..... 3000 sheets: 8 ½ " x 11", 11" x 8 ½ "
..... When stapling 30 sheets:
..... 1500 sheets: 11" x 17", 8 ½ " x 14"
..... When stapling 50 sheets:
..... 3000 sheets: 8 ½ " x 11", 11" x 8 ½ "
..... Non-sort tray:
..... 150 sheets: 11" x 17", 8 ½ " x 14"
..... 250 sheets: 11" x 8 ½ ", 8 ½ " x 11"
Stapling limit ..... 30 sheets: 11" x 17", 8 ½ " x 14" (20~21 lb.)
..... 50 sheets: 11" x 8 ½ ", 8 ½ " x 11" (20~21 lb.)
Power source ..... Electrically connected to the copier
Dimensions ..... 27 1/8" (W) x 23 9/16" (D) x 41 1/2" (H)
Weight . ..... Approx. 110 lbs.

Noise and Ozone Levels

Noise..... Pursuant to JIS Z-8731 (acoustic pressure level, equivalent noise)

(1) Stand-by ..... 35db Fan Motor Rotating
(2) During warm-up..... 55db
(3) During Copying..... Main Body 60db
..... Main Body + SRDF 65db
..... Main Body + SRDF+ Finisher+6
..... 65db

Ozone Generation..... Average Value 0.1ppm or less
..... Max. Value 0.3ppm or less

· *All Specifications subject to change without notice.*

Print/Scan System (N) Specifications (Optional Printer Scanner Kit)

Type CPU	POWER PC 750 350MHz
System ROM	4MB Flash (DIMM Slot Type)
Font ROM	4MB (SOP Type, mask number: 713)
Main RAM	SDRAM
Standard:	32MB
Option:	16 ~ 128 MB × 2 slots
100pin-DIMM	(16, 32, 64, 128MB)
Network Connection	100Base-TX, 10 Base-T
Interface	Ethernet
Drivers	Windows 95/98, NT 4.0, Macintosh
Protocols	TCP/IP, IPX/SPX, and AppleTalk
Network OS	Workstation 9x/Me/NT-4/2000/Mac
Resolution	Fast 1200, 600dpi without smoothing, 300dpi
Print Size	11 x 17, 8.5 x 14, 11 x 8.5, 8.5 x 11R, 5.5 x 8.5R, envelopes
Print Speed (KM-2530)	One-sided 11 x 8.525 +1.4, -0.5 sheets per min.
	11 x 17 15 +1.4, -0.5 sheets per min.
	8.5 x 14 18 +1.4, -0.5 sheets per min.
Print Speed (KM-3530)	One-sided 11 x 8.5 35 +1.4, -0.5 sheets per min.
	11 x 17 19 +1.4, -0.5 sheets per min.
	8.5 x 14 23 +1.4, -0.5 sheets per min.
Print Description Language	Prescribe2e
Emulation	PCL6 (5e, XL, PJL), KPDL3 (Postscript compatible), Line Printer, IBM Proprinter X24E,
	Epson LQ-850, Diablo 630, KC-GL, AES Support
Fonts	Online Fonts 80 Fonts (PCL6)
	136 Fonts (KPDL3)
	Bitmap Fonts 1 Font

Scan System Specifications

Type	PPC Network Scanner Option
	Scanner NIC (NS-30)
	Clock PCB
	CD-ROM (Scanner Library)
	CD-ROM (Paper Port)
Supporting Models	Ri 2530/3530
Basic Function	Network Scanner (B/W)
	PC Transmission (with Scanner File Utility)
	E-mail Transmission
	TWAIN Scan (with TWAIN Source)
Interface Card	NS-30
Interface	10BaseT, 100BaseT (auto recognition)
Protocol	TCP/IP
Resolution	Main scan x sub scan 600 x 600
	Switching section 600/400/300/200dpi
Original Scanning Speed (with DF)	KM-2530 25 ppm
	KM-3530 35 ppm
Attached Application	Paper Port Deluxe 6.5
Transmission Size	11”×17”, 11”×15”, 8.5”×14”, 8.5”×11”, 5.5”×8.5”
Gradation Level:	
Text Mode	2 tones / 1 dot, 256 gradations (error diffusion)
Photo Mode	2 tones / 1 dot, 256 gradations (error diffusion)
Mix (text and photo mode)	2 tones / 1 dot, 256 gradations (error diffusion)
OCR mode	2 tones / 1 dot, 2 gradations
Multiple Scanning	Max. 250 pages
Transmission Setting:	
Transmission Mode	Send to PC/Send to e-mail/TWAIN scan

Scan System Specifications (continued)

Send from Selection	Max. 40 destinations, password check available
Destination selection :	
(when sending to PC)	
Shared address book	Max 100 destinations
	Password check available
	Multiple selection: max. 20 destinations
	Possible to search address from the initial letter
Personal Address Book	Max. 100 destinations
	Share address book, Max 100 destinations
	Password check available
	Multiple selection: max. 20 destinations
	Possible to search address from the initial letter
Save to User PC	Possible
Destination selection:	
(when sending to e-mail)	
Shared address book	Max 100 destinations
	Multiple selection: max. 20 destinations
	Possible to search address from the initial letter
Personal Address Book	Max. 100 destinations
	Multiple selection: max. Destinations
	Possible to search address from the initial letter
Direct Address Input	Use Keys on touch panel

Fax System (C) Specifications (Optional Fax Kit)

Product name	FAX System (C)			
Type	(a) FAX board			
	(b) Power source board for FAX			
	(c) NCU			
Memory				
Type:	Standard memory board			
Bitmap memory:	Capacity: Standard: 4MB			
	(For transmission 2MB/for reception 2MB)			
	Max: 8MB			
	(for transmission 4MB/for reception 4MB)			
	Common use: Only for FAX			
Image storage:	Capacity: Standard 4MB(work memory: Approx. 1MB)			
	Max: 8MB			
	Common use: Only for FAX			
Number of slot for add-on memory:	one			
Type of add-on memory:	M1-8MB			
	(Bitmap 4MB + image storage 4MB)			
Telephone Handset	Option			
Telephone unit:	One-piece phone			
Select signal:	10pps, 20pps, DTMF			
Line connection:	Modular connector			
Transmission size	Width	Metric:	148	297 mm
		Inch:	140	279 mm
	Length	148 ~ 1600mm		
Resolution:	normal mode transmission			
Size of recording paper	inch:	11”×17”R 5.5”×8.5”R		
Phone lines	Subscriber lines			
Number of transmission lines	One			
Compatible with	G3			
Transmission mode	Half-duplex			

Fax System (C) Specifications (continued)

Modulation ..... TCM, QAM, PhM
Coding..... MMR, MR, MH, JBJG
..... JBIG is applicable by the running change
Transmission speed..... 33.6/31.2/28.8/26.4/24.0/21.6/19.2/16.8/14.4/
..... 12.0/9.6/7.2/4.8/2.4 (KBPS)
Minimum transmission time..... Normal: 10 ms/line
Fine: 5 ms/line
Transmission time..... Less than 3 sec.
..... (Measurement condition)
..... Kyocera Mita ITU-T #1 original,
..... Memory transmission (ECM),
..... Resolution: normal, no JBIG, TTI
..... Exposure level: center
Short protocol ..... Kyocera Mita proprietary (Transmission between Kyocera Mita machines
..... with short protocol, excluding V.34 transmission.)
Pre-procedure:..... Less than 5 sec.
Post-procedure: ..... Less than 3 sec.
Quick scanning..... Less than 2 sec./sheet• 11”×8.5”
..... [Measurement condition]
..... Kyocera Mita ITU-T #1 original,
..... Memory transmission (ECM),
..... Resolution: normal, Exposure level: center
..... When bitmap is available

Modem

Transmission mode	V34		V17	V29	V27ter
Modulation method	TCM		TCM	QAM	PhM
Transmission speed (bps)	33600, 31200 28800, 26400 24000, 21600 19200, 16800 14400,12000 9600, 7200 4800, 2400		14400 12000 9600 7200	9600 7200	4800 2400
Speed variation	±0.01%		±0.01%	±0.01%	±0.01%
Modulation speed (bps)	3429, 3200 3000, 2800 2400		2400	2400	2400 1600
Carrier frequency (Hz)	Low	High	1700	1700	1800
	1800	2000			
	1680	1867			
	1600	1800			
Frequency variation	±0.01%		±0.01%	±0.01%	±0.01%
Detection	Synchronous				
Automatic equalization	Yes				
Tonal signal name	CNG, CED				
Tonal signal frequency	1100Hz, 2100Hz				
Modem signal detection level range	-9 to -43dBm		0 to -43dBm		
Output level	0dBm or less to -15dBm or less				

2530/3530 Memory Management (Main PCB)

The Ri 2530/3530 has two slots on the Main PCB (See Chart Below) with one standard 32MB DIMM. It uses 9 MB of Bitmap memory for both scanning and printing. 23MB is used for image storage. One 128MB DIMM can be added for a total of 160MB of Memory.

STORING CAPACITY OF PAGE MEMORY

Location	Capacity	Total Memory	Approximate # of pages that can be stored (6% original)
Slot 1	32MB (standard)	**32MB**	Approx. 122
Slot 2	128MB (Upgrade)	**160MB**	Approx. 802

Printing System (N) Printer Board Memory

The Printer Board has 32MB of built-in Memory. The Printer Board has two empty slots and can be upgraded with two 128MB DIMMs for a total of 256MB of Memory. (See Chart Below)

STANDARD MEMORY

Built-in	Slot 1	Slot 2	Total Memory
32MB (standard)	Empty	Empty	32MB

UPGRADEABLE

Slot 1	Slot 2	Total Memory
128MB	128MB	**256MB**

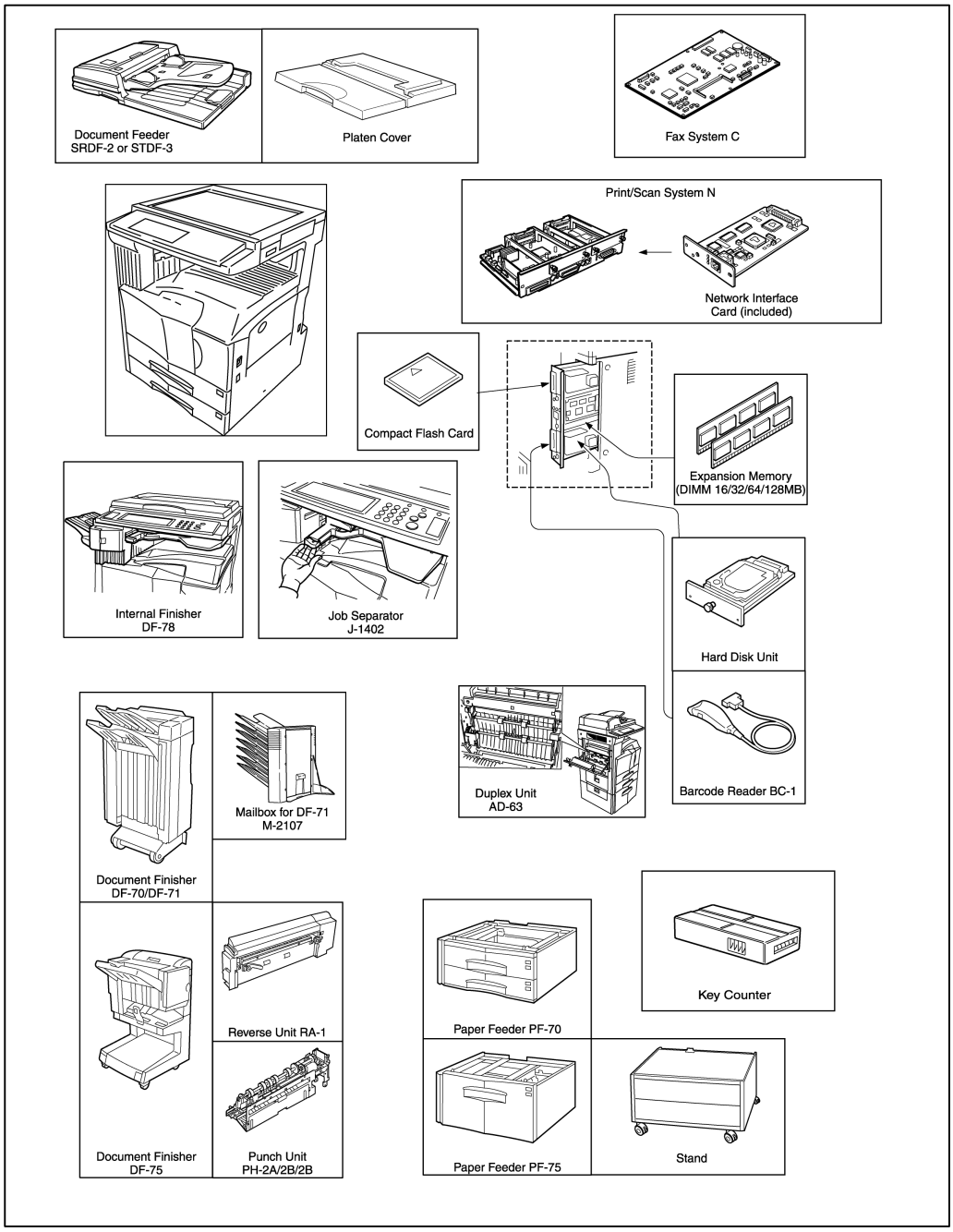
Maximum recognized Memory at one time is 256MB.

Optional Memory (DIMMs) can be purchased from Delkin Devices at www.delkin.com or:

TechWorks
4030 W Braker Lane #350
Austin, Texas 78759

Sales Department
(800) 688-7466 (voice)
(512) 794-8520 (fax)
www.techworks.com

Ri 2530/3530 Option Chart



Note: The DF-71 and DF-75 require the Attachment Kit (AK-70C).
It is not possible to install a DF-78 with a DF-71 or DF-75 attached.
It is possible to install a J-1402 with a DF-71or DF-75.